

**SAIL-M12BG-B-USB-1.5U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

**General ordering data**

Version	Bus line, Connecting line, M12, Number of poles: 4, 1.5 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1962800150</a>
Type	SAIL-M12BG-B-USB-1.5U
GTIN (EAN)	4032248644896
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight	68 g
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**Technical specifications for cable**

Cable length	1.5 m	Colour coding	white, green, red, black
Configurable cable length	No	Halogen	No
Hybrid cable	No	Insulation	PE
Irradiation crosslinked	No	Number of poles	4
Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)	Sheath material	PUR
Sheathing colour	black	Shielded	Yes

**General technical data**

Coding	B-coded	Connection thread	M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	LED	No
Pollution severity	3	Protection degree	IP67
Rated current	1 A	Rated voltage	5 V
Temperature range of housing	-25...+80 °C	Threaded ring material	Brass, nickel-plated
Tightening torque	M12: 0.8 - 1.2 Nm	Version	Female socket, straight
jumpered	No		

**Electrical properties**

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	5 V
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**Cable structure**

Colour coding	white, green, red, black	Insulation	PE
Sheathing colour	black		

**Electrical properties of cable**

Insulation strength	10 <sup>8</sup> Ω	Rated current	1 A
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**Mechanical and material properties of cable**

Halogen	No
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**Plug, right**

Contact surface	Gold-plated	Housing main material	PUR
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**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08
ECLASS 12.0	27-06-03-08	ECLASS 13.0	27-06-03-08

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

REACH SVHC

Lead 7439-92-1

**Approvals**

Approvals



ROHS

Conform

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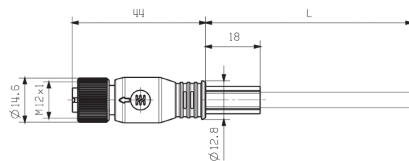
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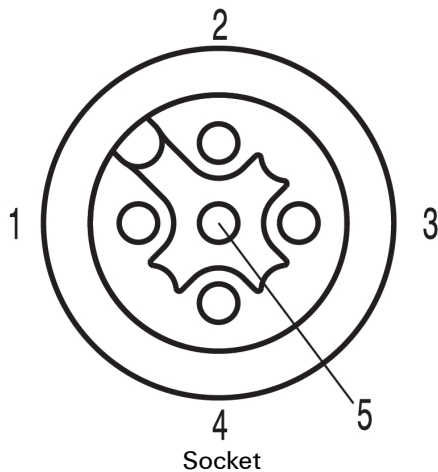
# Drawings

## Dimensioned drawing



Straight socket

## Pole scheme



## Wiring diagram

## Dimensioned drawing

USB

## Pole scheme

USB

## The ideal tool: Screwty® with torque function



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F